

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122815\
 Data File : BG020578.D
 Acq On : 29 Dec 2015 00:25
 Operator : UM/SJ
 Sample : G4847-01DL 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N66DL

Quant Time: Dec 29 05:10:03 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG122415.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 29 05:04:12 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	12036	20.00	ng/ul	0.00
18) Naphthalene-d8	10.89	136	52545	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.71	164	40589	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.45	188	123466	20.00	ng/ul	0.00
78) Chrysene-d12	21.73	240	164809	20.00	ng/ul	0.00
86) Perylene-d12	24.99	264	157828	20.00	ng/ul	0.00

System Monitoring Compounds

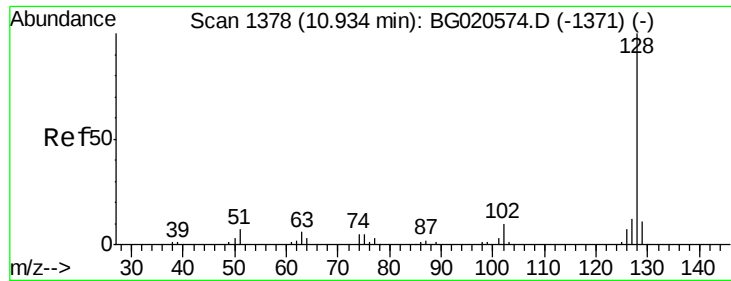
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.23	99	781	0.81	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.39	67	3010	5.26	ng/ul	0.00
9) 2-Chlorophenol-d4	7.60	132	3252	4.39	ng/ul	0.00
13) 4-Methylphenol-d8	8.79	113	1955	2.41	ng/ul	0.01
19) Nitrobenzene-d5	9.24	128	1933	4.69	ng/ul	0.00
22) 2-Nitrophenol-d4	9.96	143	2278	4.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.51	165	3656	4.03	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0	0.00	ng/ul	
44) Dimethylphthalate-d6	14.10	166	20860	6.24	ng/ul	0.00
47) Acenaphthylene-d8	14.40	160	22507	5.81	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.69	176	18222	6.02	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.82	200	1598	1.95	ng/ul	0.00
71) Anthracene-d10	17.55	188	36211	6.26	ng/ul	0.00
79) Pyrene-d10	19.83	212	44451	6.23	ng/ul	0.00
90) Benzo(a)pyrene-d12	24.76	264	46461	5.82	ng/ul	0.00

Target Compounds

					Qvalue
28) Naphthalene	10.93	128	87264	31.24 ng/ul	100
30) 4-Chloroaniline	10.93	127	11218	10.75 ng/ul#	3
34) 2-Methylnaphthalene	12.54	142	9821	4.75 ng/ul	95
35) 1-Methylnaphthalene	12.76	142	6569	3.35 ng/ul#	83
41) 1,1'-Biphenyl	13.54	154	3775	1.21 ng/ul#	95
50) Acenaphthene	14.77	153	20248	7.35 ng/ul	95
54) Dibenzofuran	15.11	168	13615	3.32 ng/ul	91
59) Fluorene	15.75	166	12582	3.79 ng/ul	92
70) Phenanthrene	17.49	178	29009	4.22 ng/ul	99
72) Anthracene	17.49	178	29009	4.13 ng/ul	99
75) Carbazole	17.86	167	11524	1.95 ng/ul	94

(#) = qualifier out of range (m) = manual integration (+) = signals summed

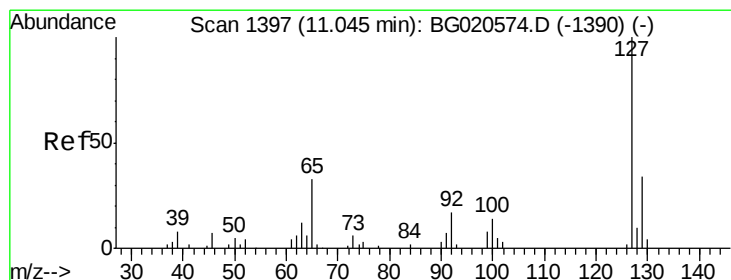
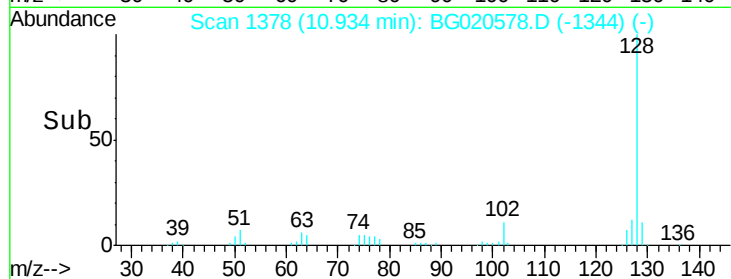
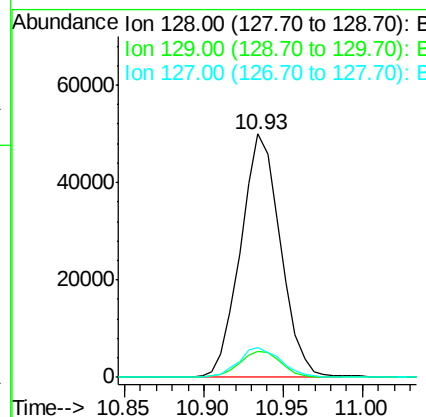
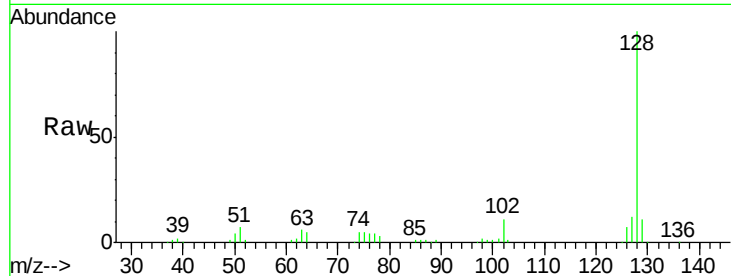
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Data Path : Z:\HPCHEM1\BNA_G\DATA\BG122815\  
Data File : BG020578.D  
Acq On    : 29 Dec 2015  00:25  
Operator  : UM/SJ  
Sample    : G4847-01DL 5X  
Misc      :  
ALS Vial  : 13      Sample Multiplier: 1
```



#28
Naphthalene
Concen: 31.24 ng/ul
RT: 10.93 min Scan# 1378
Delta R.T. 0.00 min
Lab File: BG020578.D
Acq: 29 Dec 2015 00:25

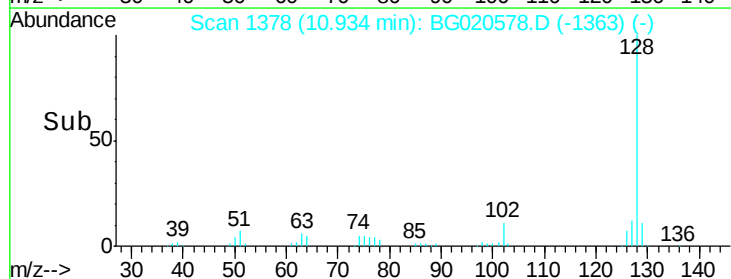
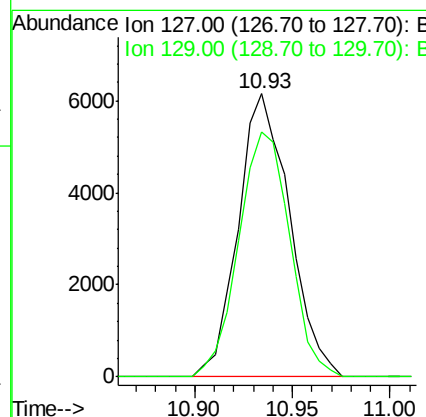
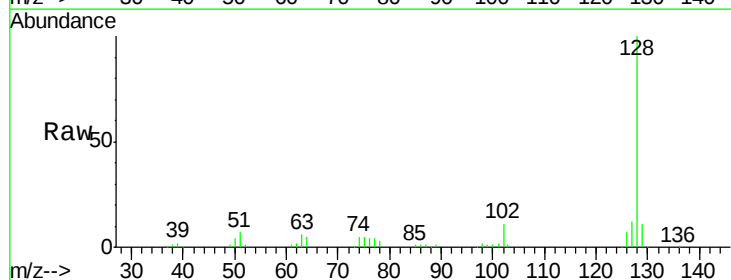
Instrument :
BNA_G
ClientSampleId :
D9N66DL

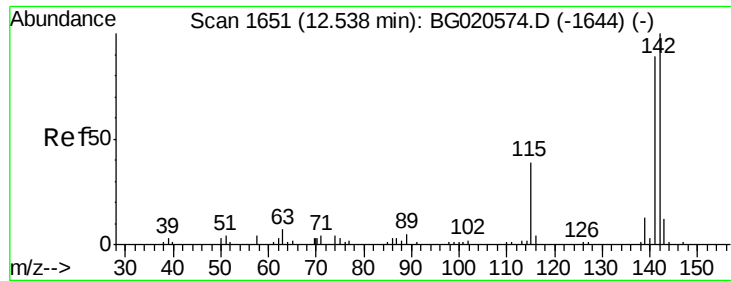
Tgt Ion:128 Resp: 87264
Ion Ratio Lower Upper
128 100
129 10.6 8.6 12.8
127 12.3 10.1 15.1



#30
4-Chloroaniline
Concen: 10.75 ng/ul
RT: 10.93 min Scan# 1378
Delta R.T. -0.11 min
Lab File: BG020578.D
Acq: 29 Dec 2015 00:25

Tgt Ion:127 Resp: 11218
Ion Ratio Lower Upper
127 100
129 86.4 25.7 38.5#

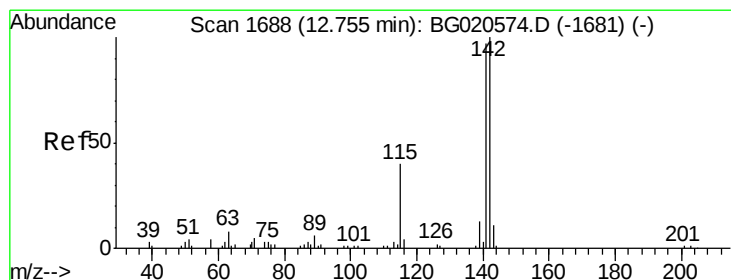
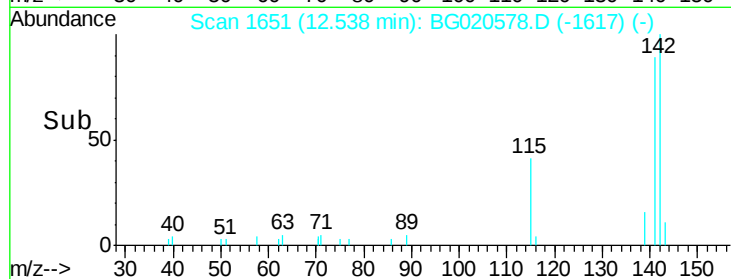
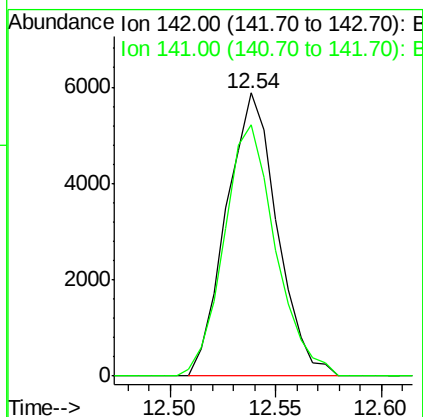
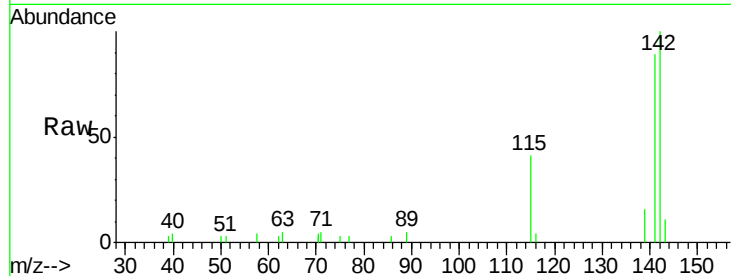




#34
 2-Methylnaphthalene
 Concen: 4.75 ng/ul
 RT: 12.54 min Scan# 1651
 Delta R.T. 0.00 min
 Lab File: BG020578.D
 Acq: 29 Dec 2015 00:25

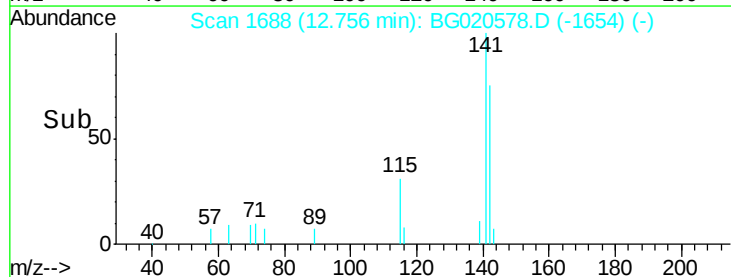
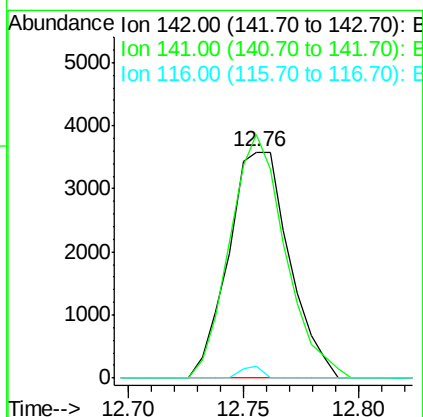
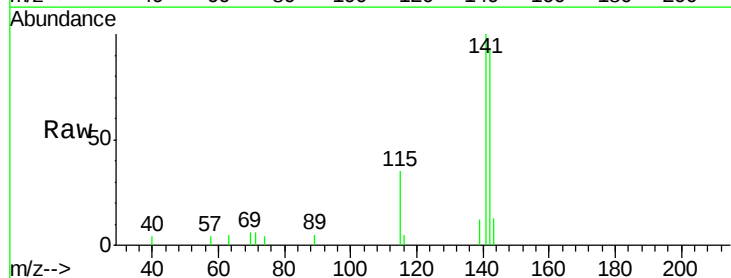
Instrument :
 BNA_G
 ClientSampleId :
 D9N66DL

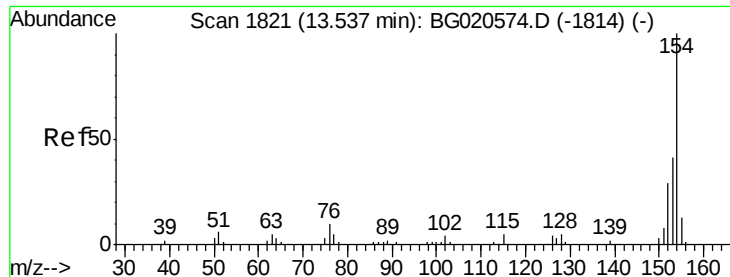
Tgt Ion:142 Resp: 9821
 Ion Ratio Lower Upper
 142 100
 141 88.8 74.9 112.3



#35
 1-Methylnaphthalene
 Concen: 3.35 ng/ul
 RT: 12.76 min Scan# 1688
 Delta R.T. 0.00 min
 Lab File: BG020578.D
 Acq: 29 Dec 2015 00:25

Tgt Ion:142 Resp: 6569
 Ion Ratio Lower Upper
 142 100
 141 107.7 73.0 109.6
 116 5.5 3.0 4.6#

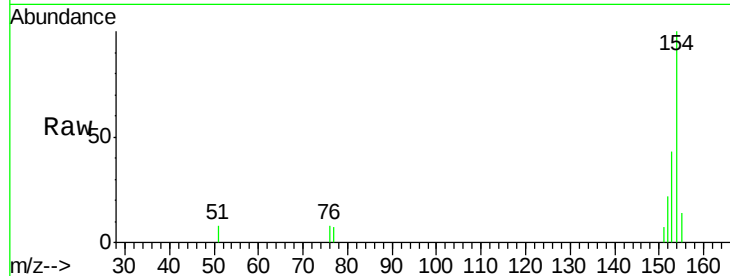




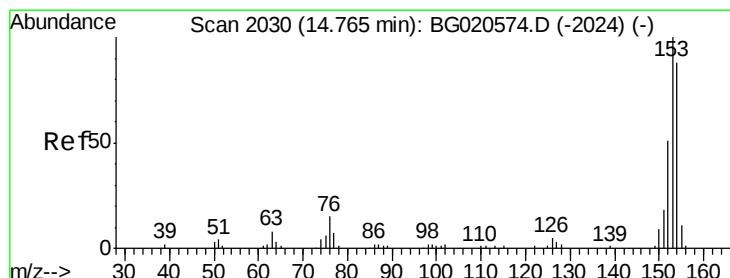
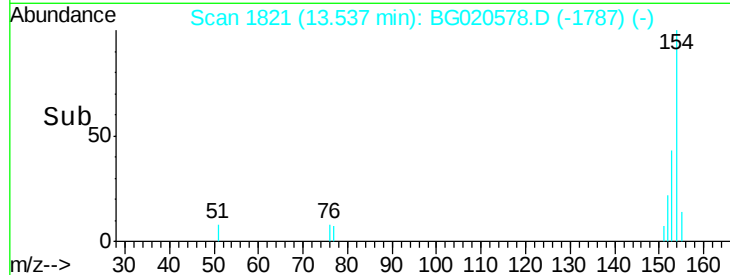
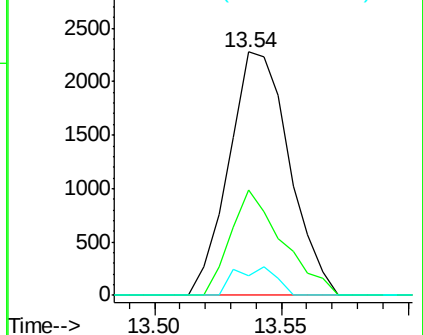
#41
 1,1'-Biphenyl
 Concen: 1.21 ng/ul
 RT: 13.54 min Scan# 1821
 Delta R.T. 0.00 min
 Lab File: BG020578.D
 Acq: 29 Dec 2015 00:25

Instrument :
 BNA_G
 ClientSampleId :
 D9N66DL

Tgt Ion:154 Resp: 3775
 Ion Ratio Lower Upper
 154 100
 153 43.0 35.5 53.3
 76 7.8 10.4 15.6#

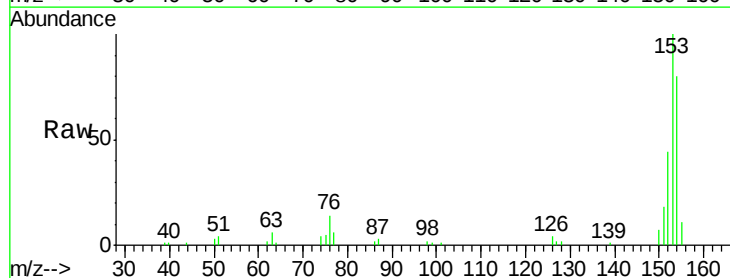


Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BGC

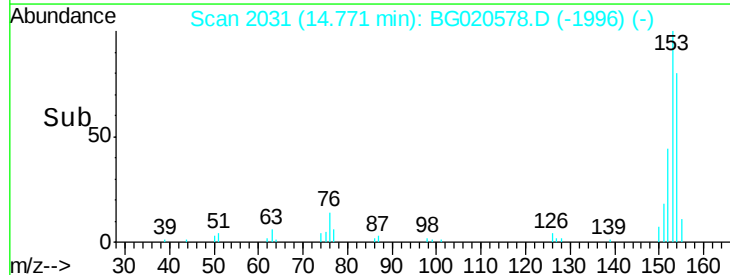
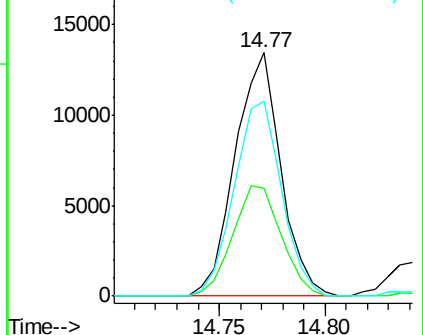


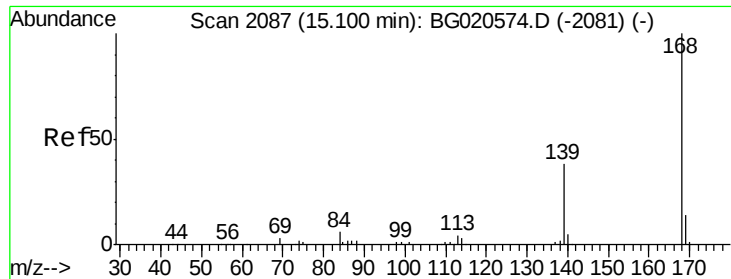
#50
 Acenaphthene
 Concen: 7.35 ng/ul
 RT: 14.77 min Scan# 2031
 Delta R.T. 0.01 min
 Lab File: BG020578.D
 Acq: 29 Dec 2015 00:25

Tgt Ion:153 Resp: 20248
 Ion Ratio Lower Upper
 153 100
 152 44.5 37.6 56.4
 154 79.9 67.9 101.9



Abundance Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E
 Ion 154.00 (153.70 to 154.70): E





#54

Dibenzenofuran

Concen: 3.32 ng/ul

RT: 15.11 min Scan# 2088

Delta R.T. 0.01 min

Lab File: BG020578.D

Acq: 29 Dec 2015 00:25

Instrument :

BNA_G

ClientSampleId :

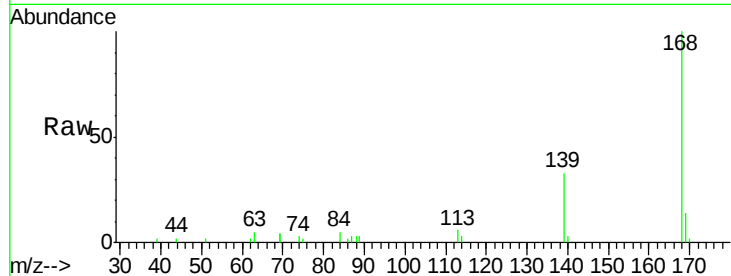
D9N66DL

Tgt Ion:168 Resp: 13615

Ion Ratio Lower Upper

168 100

139 32.8 30.5 45.7



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

15.11

8000

6000

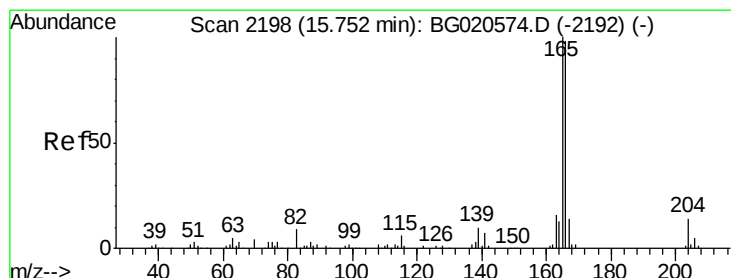
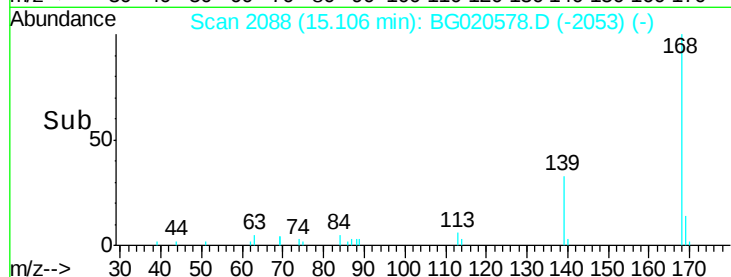
4000

2000

0

Time-->

15.05 15.10 15.15



#59

Fluorene

Concen: 3.79 ng/ul

RT: 15.75 min Scan# 2198

Delta R.T. 0.00 min

Lab File: BG020578.D

Acq: 29 Dec 2015 00:25

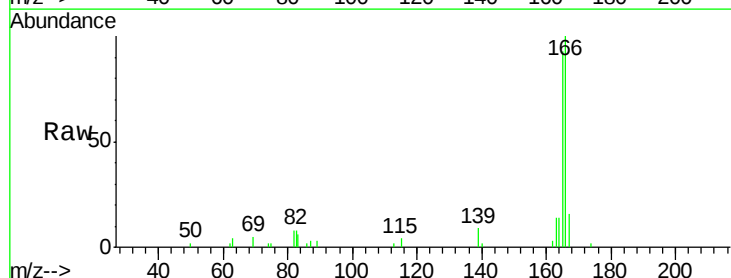
Tgt Ion:166 Resp: 12582

Ion Ratio Lower Upper

166 100

165 93.5 81.4 122.0

167 16.4 11.2 16.8



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.75

10000

8000

6000

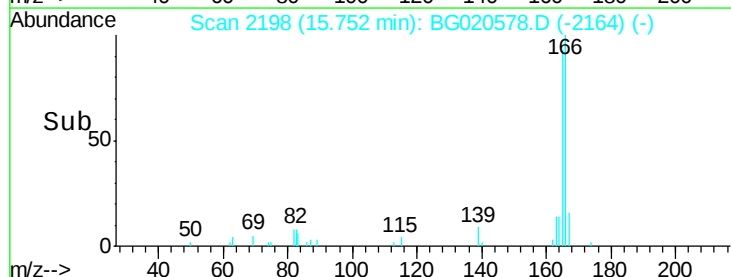
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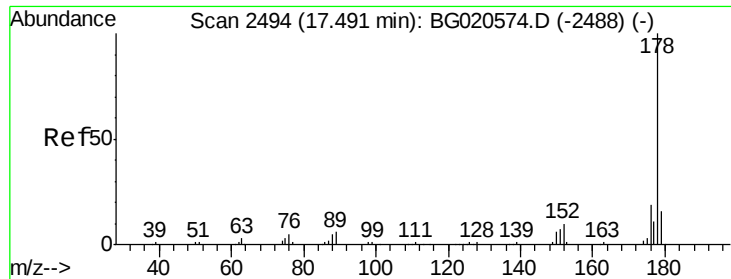
2000

0

Time-->

15.70 15.75 15.80





#70

Phenanthrene

Concen: 4.22 ng/ul

RT: 17.49 min Scan# 2494

Delta R.T. 0.00 min

Lab File: BG020578.D

Acq: 29 Dec 2015 00:25

Instrument :

BNA_G

ClientSampled :

D9N66DL

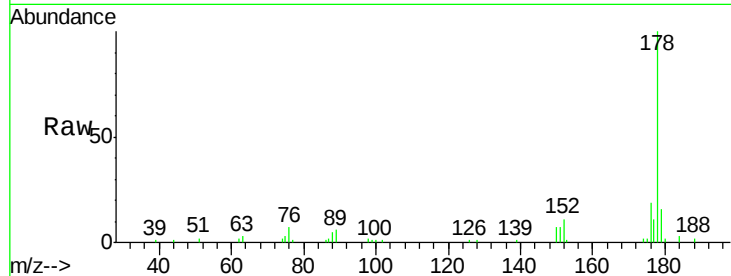
Tgt Ion:178 Resp: 29009

Ion Ratio Lower Upper

178 100

179 15.7 12.9 19.3

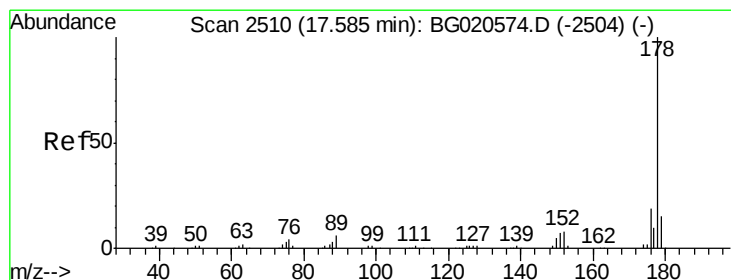
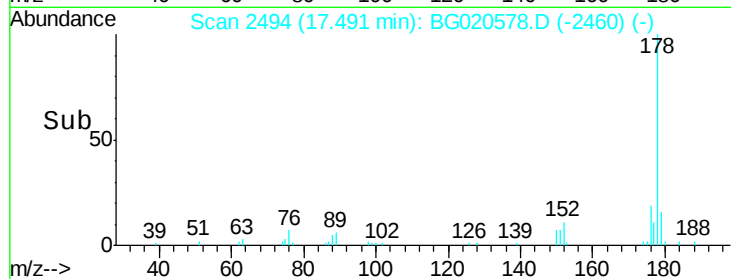
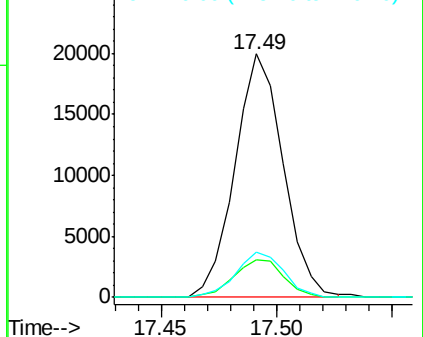
176 18.6 15.3 22.9



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#72

Anthracene

Concen: 4.13 ng/ul

RT: 17.49 min Scan# 2494

Delta R.T. -0.09 min

Lab File: BG020578.D

Acq: 29 Dec 2015 00:25

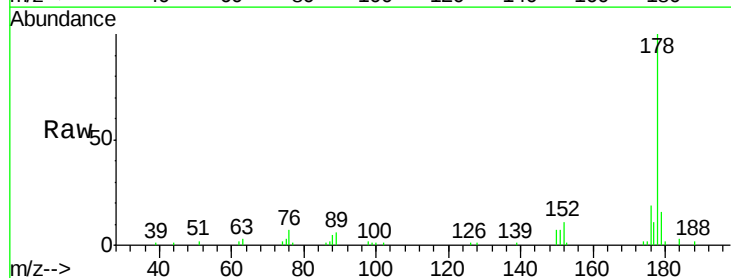
Tgt Ion:178 Resp: 29009

Ion Ratio Lower Upper

178 100

179 15.7 12.3 18.5

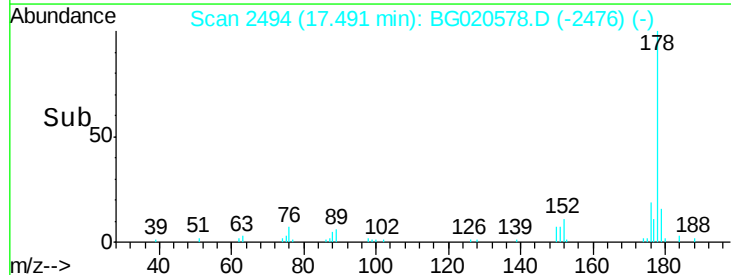
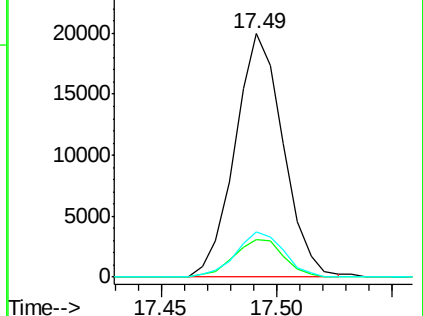
176 18.6 14.3 21.5

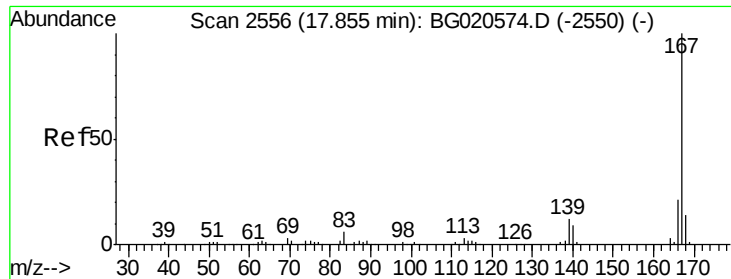


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#75

Carbazole

Concen: 1.95 ng/ul

RT: 17.86 min Scan# 2556

Delta R.T. 0.00 min

Lab File: BG020578.D

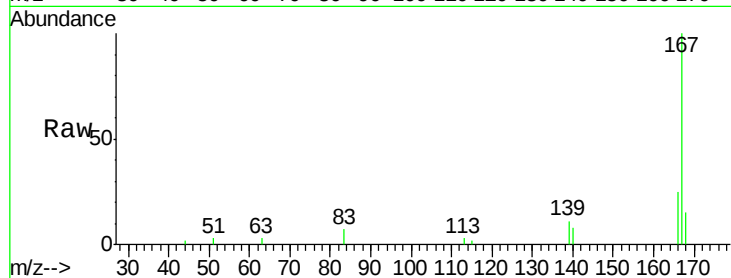
Acq: 29 Dec 2015 00:25

Instrument :

BNA_G

ClientSampleId :

D9N66DL



Tgt Ion:167 Resp: 11524

Ion Ratio Lower Upper

167 100

166 24.9 17.0 25.6

139 11.4 10.1 15.1

Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E

